

Title (en)
SPRAYING DEVICE

Title (de)
ZERSTÄUBERVORRICHTUNG

Title (fr)
DISPOSITIF DE PULVÉRISATION

Publication
EP 2589402 B1 20180725 (EN)

Application
EP 11800862 A 20110628

Priority
• JP 2010148432 A 20100630
• JP 2011064831 W 20110628

Abstract (en)
[origin: EP2589402A1] An object is to provide an administration device capable of discharging a prescribed, equal amount of medicine a number of times by spraying. Provided is a spraying device including: a barrel allowing attachment of a spray nozzle at a tip end; a gasket provided slidably movable in liquid-tight manner in said barrel; a rod coupled to a base end of the gasket and having a guide groove; and a regulating member provided on the barrel, having a projection that can slidably fit with the guide groove; wherein the guide groove includes at least a first administering groove and a second administering groove provided continuous from the first administering groove; the second administering groove is configured to include a transitional portion extending in the circumferential direction with a groove wall on the base end side aligned with the base end of the first administering portion, and a second administering portion extending from the transitional portion to a base end along the longitudinal direction; and an energizing protrusion engageable with the projection is provided at a boundary between the transitional portion and the second administering portion.

IPC 8 full level
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CPC (source: EP US)
A61M 3/0262 (2013.01 - EP US); **A61M 5/3155** (2013.01 - US); **A61M 11/007** (2014.02 - EP US); **A61M 11/08** (2013.01 - EP US);
A61M 15/08 (2013.01 - US); **A61M 5/31595** (2013.01 - EP US); **A61M 2005/3139** (2013.01 - EP US); **A61M 2210/0618** (2013.01 - EP US)

Cited by
WO2019058056A1; FR3071161A1; US2019388622A1; US10449300B2; WO2016120312A1

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JP 5888234 B2 20160316; JP WO2012002398 A1 20130829; US 2013096493 A1 20130418; US 9526841 B2 20161227;
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